

DEPARTMENT OF APPLIED MECHANICS
INDIAN INSTITUTE OF TECHNOLOGY DELHI

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NIQ No. IITD/AM2014/

March. 10th 2014

NOTICE INVITING QUOTATION

Please submit technical and commercial bids in separate sealed covers to the undersigned on or before 26th March 2014 for supplying the abrasive cutter and mounting press:

The following is the bidder pre-qualification criterion:

- Vendor must have supplied total of 5 similar machines to IITs, IISCs, etc. in the past 5 years. Please attach the reference list of such users with names / phone numbers.
- Equipment must be CE/EC marked. A copy of certificate is required.

The following are the technical requirements:

Item 1: Mounting press

- 1) Mounting material: Phenolic / Acrylic
- 2) Pressure application & control system: Inbuilt Electro-Hydraulic system
- 3) Mount sizes with easy interchangeability: 1.25" & 1.5"
- 4) Process parameter: Automatic selection should be possible with provision of editing
- 5) Moulding pressure: upto 350 kg/cm²
- 6) Moulding temperature: upto 180 °C
- 7) Adjustable heating and cooling time: 1-15 min in steps of 0.5 min
- 8) Heating unit: Insulated closure with effective heat control powerful heating unit
- 9) Electronic touch pad controls and LCD display
- 10) Alarm signal: To notify the cycle completion
- 11) Voltage: Single phase, 200-240V / 50-60Hz
- 12) Mould type: cylindrical

Item 2: Abrasive/diamond cutter

The cutter should be capable of cutting various types of materials: brittle or ductile metals, composites, plastics, biomaterials and ceramics.

- a) Low speed saw

Automatic operation, 5" (127mm) blade capacity, built-in micrometer for precision sectioning, LED display, heavy-duty steel housing construction, large front dial should be capable of easily

adjusting the cutting speeds, positive-action start/stop buttons with audible clicks, flat front panel should easily be wiped and cleaned, shaft speed range 0-300 rpm, input supply: 220V, 50Hz, precise thickness adjustment micrometer with least count of 10 µm (0.01 mm), gravity feed weight system with 4 weights 25 g,50g,75g, 150g, standard chucks and flanges required, sectioned samples should easily be retrieved through the side coolant tray door and basket, re-circulating coolant, two spare blades

b) Abrasive saw

Wheel speed: upto 3000 rpm, there should be sufficient internal lighting system, re-circulating coolant, abrasive wheel size: 10 inch dia., maximum cutting capacity: 3.75 inch, electronics completely isolated from wet environment of cutting chamber lighting, manual chop handle, auto hood lock, ample safety measures should be in place, emergency stop, five spare blades

c) Intermediate saw

Programmable cutting length with auto shut-off, emergency stop, automatic with constant feed rate, blade speed: 200-3000 rpm, 8 inch blade, standard chucks and flanges, LCD display, re-circulating coolant, two spare blades

Terms & Conditions:

Warranty	One year comprehensive on-site warranty (parts and labor) required.
Eligibility criteria for the Company	Delivery should be within 4 weeks after purchase order is issued.
	If the quote is submitted by the representative of Principals/Manufacturers, a valid Agencyship/dealership Certificate/MAF specific to this tender should be enclosed together with technical bid.
METHOD OF SUBMISSION	Quotations should be sent in a sealed separate cover marked technical and commercial bids at the top along with our NIQ reference no. and due date. Including commercial information in the technical bid would be grounds for disqualification.
Technical Bid Details	Technical Compliance Sheet: Clear and detailed information on <i>how</i> the technical conditions specified above have been complied with must be given in the technical portion of the bid via a technical compliance sheet. It is insufficient to just mention “Complied” against the above specifications.
	Warranty: Warranty information must be explicitly provided in the technical sheet.
Commercial Bid Details	Breakup: A clear breakup of the individual price of the items should be provided if any.
	Tax/Import: Any taxes/import duties that are expected must be added to the total and the final price should be provided. If any tax/custom duty waiver that has been assumed should be clearly mentioned. Not providing either of these could

	lead to disqualification. PLEASE ALSO SEE BELOW FOR TERMS AND CONDITIONS FOR ALL IIT DELHI PURCHASES. These terms are valid for the current purchase also.
Buyer's Rights	Buyer reserves the right of accepting or rejecting any/ all quotations.
Validity of Quotations	Quotations will be considered valid for at least three months from the date of receipt unless otherwise stated.
Correspondence	No correspondence regarding acceptance/rejection of a quotation will be entertained.
Rejection	Quotations not conforming to the set procedure as above are liable to be rejected.
Discount/Rebates	Special discount/rebate wherever admissible keeping in view that the supplies are being made for educational purpose in an institute of national importance may please be indicated.

Necessary Terms and Condition to be put in the NIQ/NIT Document

1. IIT Delhi is exempted from paying custom duty under notification No.51/96 (partially or fully) and necessary "Custom Duty Exemption Certificate" can be issued after providing following information.
 - a. Shipping details i.e. Master Airway Bill No. and House Airway No. (if exists)
 - b. Forwarder details i.e. Name, Contact No., etc.

Custom Duty Exemption Certificate will be issued to the shipment in the name of the Institute and Bills of Entry should be submitted to IIT Delhi later on.
2. Either the Indian agent on behalf of the Principal/OEM or Principal/OEM itself can bid but both cannot bid simultaneously for the same item/product in the same tender. If an agent submits bid on behalf of the Principal/OEM, the same agent shall not submit a bid on behalf of another Principal/OEM in the same tender for the same item/product.
3. If the bidder is an authorized dealer of any manufacturer, the authorized Indian dealership certificate from the principles should be enclosed. Similarly, proprietary certificate for proprietary items should be provided.
4. IIT Delhi is exempted from paying Excise Duty and necessary Excise Duty Exemption Certificate will be provided for which following information are required.

a. Quotation with details of Basic Price, Rate & Amount on which ED is applicable.

5. Please quote prices of imported items at FOB (Freight on Board) IIT Delhi inclusive of all taxes, freight, delivery, installation and onsite training charges. The quotation should provide the total price of the system including all taxes and transportation charges.
6. Payment Options (any one to be chosen by the Department/ center)

Letter of Credit: 90% payment against shipping documents & balance 10% after satisfactory installation. For large purchase i.e. costing over Rs. 1 crore, 100% payment be made through LC.

Sight Draft: Payment against documents through bank.

Against Delivery: Payment by wire transfer after receipt of material.

Advance payment: pre-payment by wire transfer (for orders less than Rs. 5 lakh)

7. Delivery period: within 1 month from the issue of supply order.
8. Warranty: One year comprehensive on-site warranty (parts and labor) required. Extended warranty may be quoted separately. AMC price beyond one year should be mentioned separately.
9. The quotations must have validity of at least three months.
10. The products will be used for educational purposes. Any applicable academic institution discounts should be offered and stated clearly.
11. Authority of IIT Delhi reserves the right to reject any or all quotations without assigning any reasons.

Sealed quotations should be addressed to Dr. Jayant Jain and can be submitted at Block IV- Department of Applied Mechanics, IIT Delhi, latest by 26.03.2014.

Dr. Jayant Jain

Department of Applied Mechanics

IIT Delhi